

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/578,926
Source: IFWP
Date Processed by STIC: 5/24/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/578,926

CRF Edit Date: 5/24/06
Edited by: M

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

— Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

J
Other:
corrected spelling of "Artificial" (globally) at
"Sapiens" (sequence 2)
also corrected spelling of "posttranslational" in <1207 response



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/578,926

DATE: 05/24/2006
TIME: 11:35:04

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\05242006\J578926.raw

3 <110> APPLICANT: SHIMADZU CORPORATION, National University Corporation Yamaguchi University
5 <120> TITLE OF INVENTION: Method of posttranslational modification by addition of microsome membrane
6 in cell-free protein synthesis
8 <130> FILE REFERENCE: G104090WO
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/578,926
C--> 10 <141> CURRENT FILING DATE: 2006-05-09
10 <150> PRIOR APPLICATION NUMBER: JP 2003-384387
11 <151> PRIOR FILING DATE: 2003-11-13
13 <160> NUMBER OF SEQ ID NOS: 9
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 49
17 <212> TYPE: DNA
18 <213> ORGANISM: Artificial Sequence
20 <220> FEATURE:
21 <223> OTHER INFORMATION: 5'UTR (EoNPV polyhedrin gene)
23 <400> SEQUENCE: 1
24 agtattgttag tcctttcgta attgtttgtg aaatctaaaa tacaccgta 49
26 <210> SEQ ID NO: 2
27 <211> LENGTH: 702
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
31 <220> FEATURE:
32 <223> OTHER INFORMATION: pro-TNF GLC
34 <400> SEQUENCE: 2
35 atgaggactg aaagcatgtat ccgggacgtg gagctggccg aggaggcgct ccccaagaag 60
36 acaggggggc cccaggcgtc caggcggtgc ttgttcctca gcctcttctc cttcctgatc 120
37 gtggcaggcg ccaccacgct ctctgccttg ctgcactttg gagtgatcg ccggcaggagg 180
38 gaagagtccc ccagggacct ctctctaatac agccctctgg cccaggcagt cagatcatct 240
39 tctcgaaccc cgagtgacaa gcctgtagcc catgttgttag caaacccctca agctgagggg 300
40 cagctccagt ggctgaaccg ccgggccaat gccctctgg ccaatggcggt ggagctgaga 360
41 gataaccaggc tggtggtgcc atcagagggc ctgtacctca tctactccca ggtcctcttc 420
42 aaggggccaag gctgccccctc caccatgtg ctccctcaccc acaccatcag ccgcacatgcc 480
43 gtctcctacc agaccaaggt caacccctc tctgccatca agagccctg ccagaggagg 540
45 accccagagg gggctgaggc caagccctgg tatgagccca tctatctggg aggggtcttc 600
46 cagctggaga agggtgaccg actcagcgct gagatcaatc ggcccgacta tctcgacttt 660
47 gccaggtctg ggcaggtcta cttgggatc attgcctgt ga 702
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 20
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: PCR primer

57 <400> SEQUENCE: 3

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/578,926

DATE: 05/24/2006

TIME: 11:35:04

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05242006\J578926.raw

58 ttggatcctg caaaaagaac 20
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 21
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: PCR primer
68 <400> SEQUENCE: 4
69 gttcttggat ccctcgagaa t 21
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 21
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: PCR primer
79 <400> SEQUENCE: 5
80 cccaaagctta aaaaacccct c 21
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 21
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: PCR primer
90 <400> SEQUENCE: 6
91 aaaaagcttc ccctggcgta a 21
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 22
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: His-Tag coding DNA
101 <400> SEQUENCE: 7
102 ccaccaccac caccaccact ga 22
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 26
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: PCR primer
112 <400> SEQUENCE: 8
113 cgggatccat gagcactgaa agcatg 26
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 26
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: PCR primer
123 <400> SEQUENCE: 9
124 cggaaattcca gggcaatgat cccaaa 26

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/24/2006
PATENT APPLICATION: US/10/578,926 TIME: 11:35:06

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\05242006\J578926.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 3,5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/578,926

DATE: 05/24/2006

TIME: 11:35:06

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05242006\J578926.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/578,926

DATE: 05/19/2006
TIME: 08:42:12

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\05192006\J578926.raw

3 <110> APPLICANT: SHIMADZU CORPORATION, National University Corporation Yamaguchi University

5 <120> TITLE OF INVENTION: Method of posttraslational modification by addition of microsome membrane

6 in cell-free protein synthesis

8 <130> FILE REFERENCE: G104090WO

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/578,926

C--> 10 <141> CURRENT FILING DATE: 2006-05-09

10 <150> PRIOR APPLICATION NUMBER: JP 2003-384387

11 <151> PRIOR FILING DATE: 2003-11-13

13 <160> NUMBER OF SEQ ID NOS: 9

15 <210> SEQ ID NO: 1

16 <211> LENGTH: 49

17 <212> TYPE: DNA

C--> 18 <213> ORGANISM: Artificial Sequence

20 <220> FEATURE:

21 <223> OTHER INFORMATION: 5'UTR (EoNPV polyhedrin gene)

23 <400> SEQUENCE: 1

24 agtattgttag tcctttcgta attgttgtg aaatctaaaa tacaccgta

49

26 <210> SEQ ID NO: 2

27 <211> LENGTH: 702

28 <212> TYPE: DNA

29 <213> ORGANISM: homo sapiens

sapiens

31 <220> FEATURE:

32 <223> OTHER INFORMATION: pro-TNF GLC

34 <400> SEQUENCE: 2

35 atgagcactg aaagcatgat ccgggacgtg gagctggccg aggaggcgct ccccaagaag 60

60

36 acaggggggc cccagggttc caggcggtgc ttgttctca gcctcttctc cttctgtatc 120

120

37 gtggcaggcg ccaccacgct ctctcgctg ctgcacattt gagtgtatcg ggcccccaggagg 180

180

38 gaagagtccc ccagggacct ctctctaattt agccctctgg cccaggcgat cagatcatct 240

240

39 tctcgaaccc cgagtgacaa gcctgttagcc catgttgttag caaacccctca agctgagggg 300

300

40 cagtcggactt ggctgaaccc cccggccaat gcctcttgg ccaatggcggt ggagctgaga 360

360

41 gataaccago tggtggtgcc atcagagggc ctgtacactca tctactccca ggtcctcttc 420

420

42 aaggggccaag gctccccctc cacccatgtg ctccctcaccc acaccatcg ccgcacatcgcc 480

480

43 gtctcctacc agaccaaggt caacccctcc tctgccatca agagccctgg ccagaggagg 540

540

45 acccccaggagg gggctgaggc caagccctgg tatgagccca tctatctgg aggggtcttc 600

600

46 cagctggaga agggtgaccg actcagcgct gagatcaatc ggcccgacta tctcgacttt 660

660

47 gccgagtctg ggcaggtcta ctttggatc attgcctgt ga 702

49 <210> SEQ ID NO: 3

50 <211> LENGTH: 20

51 <212> TYPE: DNA

C--> 52 <213> ORGANISM: Artificial Sequence

54 <220> FEATURE:

55 <223> OTHER INFORMATION: PCR primer

Does Not Comply
 Corrected Diskette Needed

57 <400> SEQUENCE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/578,926

DATE: 05/19/2006
TIME: 08:42:12

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\05192006\J578926.raw

58 ttggatcctg caaaaagaac 20
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 21
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: PCR primer
68 <400> SEQUENCE: 4
69 gttcttggat ccctcgagaa t 21
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 21
73 <212> TYPE: DNA
C--> 74 <213> ORGANISM: Artficial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: PCR primer
79 <400> SEQUENCE: 5
80 cccaaagctta aaaaaccctt c 21
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 21
84 <212> TYPE: DNA
C--> 85 <213> ORGANISM: Artficial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: PCR primer
90 <400> SEQUENCE: 6
91 aaaaaagcttc ccctggcgta a 21
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 22
95 <212> TYPE: DNA
C--> 96 <213> ORGANISM: Artficial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: His-Tag coding DNA
101 <400> SEQUENCE: 7
102 ccaccaccac caccaccact ga 22
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 26
106 <212> TYPE: DNA
C--> 107 <213> ORGANISM: Artficial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: PCR primer
112 <400> SEQUENCE: 8
113 cgggatccat gagcactgaa agcatg 26
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 26
117 <212> TYPE: DNA
C--> 118 <213> ORGANISM: Artficial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: PCR primer
123 <400> SEQUENCE: 9
124 cggaattcca gggcaatgtat cccaaa 26

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/19/2006
PATENT APPLICATION: US/10/578,926 TIME: 08:42:13

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\05192006\J578926.raw

Invalid Line Length:

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Seq#:1; Line(s) 3,5

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/578,926

DATE: 05/19/2006
TIME: 08:42:13

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\05192006\J578926.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:18 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:52 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:74 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:85 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:96 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:107 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:118 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9